

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re the Application of: **TSUDA, Hiroyuki****ATTN: PCT BRANCH**Serial No.: **10/573,888**Group Art Unit: **2874**Filed: **March 29, 2006**P.T.O. Confirmation No.: **9923****For: OPTICAL FUNCTIONAL WAVEGUIDE, OPTICAL MODULATOR, ARRAYED
WAVEGUIDE GRATING, AND DISPERSION COMPENSATION CIRCUIT****RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 13, 2006

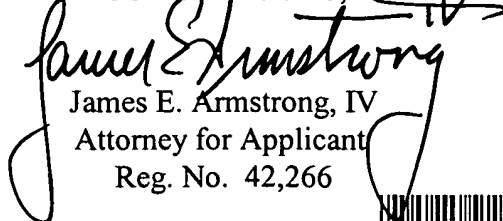
Dear Sir:

In response to the Notification of Missing Requirements of Application dated **September 18, 2006**, enclosed for filing is an executed Declaration and Power of Attorney for the above-identified patent application.

Please note that the surcharge fee of **\$130.00** for filing the late Declaration was paid at the initial filing. The fees enclosed at initial filing on **March 29, 2006** were **\$1,130.00** (\$300.00 for basic filing fees, \$500.00 for the search fee, \$200.00 for the examination fee, and \$130.00 for filing the late Declaration). In the event that any additional fees are due with this paper, please charge Deposit Account No. 01-2340.

In the event that this response is not timely filed, the applicant hereby petitions for an appropriate extension of time. The fees for any such extension may be charged to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP
James E. Armstrong, IV
Attorney for Applicant
Reg. No. 42,266JAM/rmp
Atty. Docket No. **060247**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930**23850**

PATENT TRADEMARK OFFICE

Enclosures: Notification; Declaration



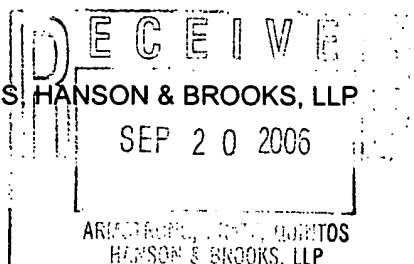
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/573,888	Hiroyuki Tsuda	060247

23850

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP
 1725 K STREET, NW
 SUITE 1000
 WASHINGTON, DC 20006



INTERNATIONAL APPLICATION NO.

PCT/JP05/01460

I.A. FILING DATE

02/02/2005

PRIORITY DATE

02/27/2004

CONFIRMATION NO. 9923

371 FORMALITIES LETTER



OC00000020454784

Date Mailed: 09/18/2006

Due: NOVEMBER 18, 2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/29/2006
- English Translation of the IA filed on 03/29/2006
- Preliminary Amendments filed on 03/29/2006
- Information Disclosure Statements filed on 06/28/2006
- Request for Immediate Examination filed on 03/29/2006
- U.S. Basic National Fees filed on 03/29/2006
- Priority Documents filed on 03/29/2006

PCT-National Phase

Priority 2-27-0430 Months 32 Months 8-27-06

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

DOCKETED

DATE

fee
 9/21/06

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,888	PCT/JP05/01460	060247

FORM PCT/DO/EO/905 (371 Formalities Notice)